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From-HUNTON & WILLIAMS

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 54320 UUUU1U	SERIAL NO. <del>09/692,532</del> 09/982,532
LIST OF MATERIALS CITED BY APPLICANT  (Use several sheets if necessary) Sheet 2 of 2				INVENTOR'S NAME Sarah MADEN et al.	EXAMINER D. AVID To Be Assigned LAMBERTSON
				FILING DATE October 19, 2001	GROUP ART UNIT 1636

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO

**OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)**

DJ	16	"Lactobacillus casei contains a member of the CRP-FNR family", Irvine et al., <i>Nucleic Acids Research</i> , 1993, Vol. 21, No. 3, p. 753-
DJ	17	"Cloning and Partial Characterization of Regulated Promoters from <i>Lactococcus lactis</i> Tn917-lacZ Integrants with the New Promoter Probe Vector, pAK80" by Irselien et al., July 1993, <i>Applied and Environmental Microbiology</i> , Vol. 61, No. 7, p. 2540-2547
DJ	18.	"Exopolysaccharides produced by <i>Lactococcus lactis</i> : from genetic engineering to improved rheological properties?", Kleerebezem et al., <i>Antonie van Leeuwenhoek</i> , 1999, 76, p. 357-365
DJ	19.	"The <i>fus</i> Gene of <i>Bacillus licheniformis</i> and the Cysteine Ligands of the C-Terminal FcS Cluster", Klinger et al., July 1998, Vol. 180, No. 13, p. 3483-3485
DJ	20.	"Inducible gene expression and environmentally regulated genes in lactic acid bacteria", Antonie van Leeuwenhoek, Kok et al., 1996, 70, p. 129-145
DJ	21.	"Characterization of the nisin gene cluster <i>nisABTCIIR</i> of <i>Lactococcus lactis</i> Requirements of expression of the <i>nisa</i> and <i>nisl</i> genes for development of immunity", Eur J Biochem, Kuipers et al., 1993, 216, p. 281-291
DJ	22.	"Molecular characterization of the pH-inducible and growth phase-dependent promoter P170 of <i>Lactococcus lactis</i> ", Madsen et al., <i>Molecular Microbiology</i> , 1999, 32(1), p. 75-87
DJ	23.	"Efficient Insertional Mutagenesis in Lactococci and Other Gram-Positive Bacteria", Maguin et al., <i>Journal of Bacteriology</i> , Feb. 1996, Vol. 178, No. 1, p. 931-935
DJ	24.	"Rapid Mini-Prep Isolation of High-Quality Plasmid DNA from <i>Lactococcus</i> and <i>Lactobacillus</i> spp.", O'Sullivan et al., <i>Applied and Environmental Microbiology</i> , Aug. 1993, Vol. 59, No. 8, p. 2730-2733
DJ	25.	"Acid-and multistress-resistant mutants of <i>Lactococcus lactis</i> . Identification of intracellular stress signals", by Kallu et al., <i>Molecular Microbiology</i> , 2000, 35(3), p. 517-528
DJ	26.	"A chloride-inducible acid resistance mechanism in <i>Lactococcus lactis</i> and its regulation", Sanders et al., <i>Molecular Microbiology</i> , 1998, 27(2), p. 299-310
DJ	27.	"Characterization of the <i>lactococcus lactis</i> transcription factor FlpA and demonstration of an <i>in vitro</i> switch", Scott et al., <i>Molecular Microbiology</i> , 2000, 35(6), p. 1383-1393
DJ	28.	"Molecular Characterization of a Phage-Inducible Middle Promoter and its Transcriptional Activator from the Lactococcal Bacteriophage φ31", Walker et al., <i>Journal of Bacteriology</i> , Feb. 1998, Vol. 180, No. 4, p. 921-931
DJ	29.	"Lactic acid bacteria as vaccine delivery vehicles", Wells et al., <i>Antonie van Leeuwenhoek</i> , 1996, 70, p. 317-330
DJ	30.	"Controlled gene expression systems for <i>Lactococcus lactis</i> with food-grade inducer nisin", Appl Environ Microbiol (1996) Vol. 62 pp. 3662-3667, deRuiter P. G., et al
DJ	31	"Quorum sensing-controlled gene expression in lactic acid bacteria", J. Biotechnol (1998) Vol. 64 pp 15-21, Kuipers, O. P., et al.
DJ	32	"Replacement recombination in <i>Lactococcus lactis</i> ", J. Bacteriol. (1991) Vol. 173, pp 4794-4798, Leenhouw, K., et al.

EXAMINER	DATE CONSIDERED
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David Lambertson 315/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 54320 000010		SERIAL NO. <del>004682,532</del> 09/982,532	
LIST OF MATERIALS CITED BY APPLICANT  (Use several sheets if necessary) Sheet 1 of 2				INVENTOR'S NAME Soren MADSEN et al.		EXAMINER DAVID <del>To Be Assigned</del> LAMBERTSON	
				FILING DATE October 19, 2001		GROUP ART UNIT 1636	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
DJ	1.	WO 98/10079	03/12/98	WO - PCT			
DJ	2	WO 94/16086	7/21/94	WO - PCT			
OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)							
DJ	3	"Food Grade Controlled Lysis of <i>Lactococcus lactis</i> for Accelerated Cheese Ripening", Pascalle et al., <i>Nature Biotechnology</i> , Volume 15, October 1997, p. 976-979					
DJ	4	"Cloning, Expression, and Characterization of the <i>Lactococcus lactis</i> <i>plf</i> Gene, Encoding Pyruvate Formate-Lyase", Armau et al., <i>Journal of Bacteriology</i> , Sept. 1997 Vol. 179, No. 18, p. 5884-5891					
DJ	5	"Anaerobic transcription activation in <i>Bacillus subtilis</i> : identification of distinct FNR-dependent and-independent regulatory mechanisms", Cruz et al., <i>The EMBO Journal</i> , 1993, Vol. 14, No. 23, p. 5984-5994					
DJ	6	"Inducible Gene Expression Systems in <i>Lactococcus lactis</i> ", Djordjevic et al., <i>Molecular Biotechnology</i> , 1998, Vol. 9, p. 127-139					
DJ	7	"Characterization of <i>Lactococcus lactis</i> UV-Sensitive Mutants Obtained by ISS1 Transposition", Duwat et al., <i>Journal of Bacteriology</i> , July 1997, Vol. 179, No. 14, p. 4473-4479					
DJ	8	"Plasmid Complements of <i>Streptococcus lactis</i> NCDO 712 and Other Lactic Streptococci After Protoplast-Induced Curing", Michael J. Gasson, <i>Journal of Bacteriology</i> , April 1983, Vol. 154, No. 1, p. 1-9					
DJ	9	"Differential plasmid rescue from transgenic mouse DNAs into <i>Escherichia coli</i> methylation-restriction mutants", Grant et al., <i>Proc Natl Acad Sci</i> , June 1990, Vol. 87 p. 4643-4649					
DJ	10	"A novel regulatory switch mediated by the FNR-like protein of <i>Lactobacillus casei</i> ", Gostick et al., <i>Microbiology</i> , 1998, Vol. 144, p. 705-717					
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DJ	13	"High-Frequency Transformation, by Electroporation, of <i>Lactococcus lactis</i> subsp. <i>cremoris</i> Grown with Glycine in Osmotically Stabilized Media", Holo et al., <i>Applied and Environmental Microbiology</i> , Dec. 1989, Vol. 55, No. 12, p. 3119-3123					
DJ	14	"Conversion of <i>Lactococcus lactis</i> from homolactic to homoalcoholic fermentation through metabolic engineering", Holz et al., <i>Nature Biotechnology</i> , June 1999, Vol. 17, p. 588-592					
DJ	15.	"Characterization of Lactococcal Isolates from Commercial Mixed Strain Mesophilic Starter Cultures" by Johansen et al., 1992, <i>J. Dairy Sci.</i> , Vol. 75, p. 1186-1191					
EXAMINER	David Lambertson		DATE CONSIDERED	3/15/04			
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